

CLAIMS

We claim:

- 1 1. A system comprising:
  - 2 a multifunctional portable base station; and
  - 3 a limited function access device that interacts with the multifunctional
  - 4 portable base station.
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- 1 2. The system as set forth in claim 1, wherein the multifunctional portable base station is selected from the group consisting of a digital wallet, a personal digital assistant, a personal computer, a web-enabled kiosk, or a wireless communication device.
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- 1 3. The system as set forth in claim 1, wherein a function of the multifunctional portable base station is selected from the group consisting of to communicate with the limited function access device, to communicate with a remote device, or to act as a transactional terminal between the remote device and the limited function access device.
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- 1 4. The system as set forth in claim 3, wherein the remote device is selected from the group consisting of a point of sale device, a transaction privacy clearing house, a home computer system, or a digital television.

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1       5. The system as set forth in claim 1, wherein the device further comprises a  
2 communication channel between the multifunctional portable base station and  
3 the limited function access device.

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1       6. The system as set forth in claim 5, wherein the communication channel  
2 station comprises a wireless communication link to the limited function access  
3 device.

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1       7. The system as set forth in claim 1, wherein the limited function access device  
2 comprises a chip affixed to a group consisting of a user, a pen, a wrist watch, a  
3 belt, a card, or a purse.

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1       8. The system as set forth in claim 1, wherein the limited function access device  
2 comprises an identifier possessing unique identifying information associated  
3 with a user, the unique identifying information associated with the user is not  
4 released outside the limited function access device.

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1       9. The system as set forth in claim 8, wherein the identifier comprises a  
2 biometric analysis device to validate an identity of a user.

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1       10. The system as set forth in claim 1, wherein the limited function access  
2 device is physically separate from the base station.

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1       11. A method comprising:

2           exchanging a transaction between a multifunctional portable base station  
3 and a limited access device.

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1   12. The method of claim 11, further comprising:

2           establishing wireless communications between the multifunctional  
3 portable base station and the limited access device.

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1   13. The method of claim 11, wherein the transaction is selected from the group  
2 consisting of exchanging information between the multifunctional portable base  
3 station and the limited access device, enabling the limited function access  
4 device to have wireless access to services on the multifunction portable base  
5 station, enabling the limited function access device to have wireless access to  
6 information on the multifunction portable base station, enabling the  
7 multifunction portable base station to have wireless access to information on  
8 the limited function access device, or enabling the multifunction portable base  
9 station to have wireless access to services on the limited function access device.

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1   14. The method of claim 11, further comprising:

2           authenticating the access rights of a user to a restricted locality.

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1   15. The method of claim 11, further comprising:

2           establishing a secure link between the limited function access device and  
3 the multifunction portable base station to allow an exchange of confidential  
4 information of a user between the multifunction portable base station and the  
5 limited function access device.

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1 16. The method of claim 11, further comprising:  
2       associating unique identifying information with the multifunction  
3 portable base station to protect an identity of a user.

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1 17. The method of claim 11, further comprising:  
2       populating methods which are independent of location.

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1 18. The method of claim 11, wherein the exchanging the transaction between  
2 the multifunctional portable base station and the limited access device  
3 occurs automatically.

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1 19. The method of claim 12, wherein the establishing wireless communications  
2 between the multifunctional portable base station and the limited access device  
3 occurs automatically.

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